

In the Claims

Claims 1-21 (Canceled).

Claim 22 (Previously presented): A method of controlling weeds, plant pests, or plant pathogens comprising the application of a bioactive herbage (plant material) composition to: 1) soil, greenhouse growing media, or nursery growing media as an amendment; or 2) as top dressing for potted plants in amounts sufficient to control weeds, plant pests, or plant pathogens, wherein said bioactive herbage is obtained from: a) *Monarda* spp.; b) *Chamaemelum* spp.; c) *Matricaria* spp.; d) *Chenopodium* spp; or e) various combinations of a), b), c), and d).

Claim 23 (Currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Monarda* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 24 (Currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 25 (Currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Matricaria* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 26 (Currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 27 (Currently amended): The method according to claim 22, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from: a) *Monarda* spp.; b) *Chamaemelum* spp. and/or *Matricaria* spp.; and, optionally, d) *Chenopodium* spp. or epazote and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 28 (Previously presented): The method according to claim 22, wherein said bioactive herbage compositions contains dried bioactive herbage.

Claim 29 (Previously presented): The method according to claim 22, wherein said bioactive herbage composition comprises additional bioactive herbage (plant material) and wherein said additional bioactive herbage is, optionally, dried.

Claims 30-42 (Canceled):

Claim 43 (New): The method according to claim 22, wherein said bioactive herbage is obtained from *Monarda* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, plant pests, or plant pathogens.

Claim 44 (New): The method according to claim 22, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, plant pests, or plant pathogens.

Claim 45 (New): The method according to claim 22, wherein said bioactive herbage is obtained from *Matricaria* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, plant pests, or plant pathogens.

Claim 46 (New): The method according to claim 22, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, plant pests, or plant pathogens.

Claim 47 (New): The method according to claim 22, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from *Monarda* spp., *Chamaemelum* spp. and/or *Matricaria* spp. and, optionally, *Chenopodium* spp. or epazote and is applied as top dressing for potted plants in amounts sufficient to control weeds, plant pests, or plant pathogens.

Claim 48 (New): A method of controlling fungal pathogens the application of a bioactive herbage (plant material) composition to soil, greenhouse growing media, or nursery growing media

as an amendment or as top dressing for potted plants in amounts sufficient to control a fungal pathogen selected from *Fusarium*, *Pythium*, *Rhizoctonia*, *Sclerotinia* or *Verticillium* species, wherein said bioactive herbage is obtained from: a) *Monarda* spp.; b) *Chamaemelum* spp.; c) *Matricaria* spp.; d) *Chenopodium* spp; or e) various combinations of a), b), c), and d).

Claim 49 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Monarda* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 50 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 51 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Matricaria* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 52 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 53 (New): The method according to claim 48, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from *Monarda* spp., *Chamaemelum* spp. and/or *Matricaria* spp. and, optionally, *Chenopodium* spp. or epazote and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

Claim 54 (New): The method according to claim 48, wherein said bioactive herbage compositions contains dried bioactive herbage.

Claim 55 (New): The method according to claim 48, wherein said bioactive herbage composition comprises additional bioactive herbage (plant material) and wherein said additional bioactive herbage is, optionally, dried.

Claim 56 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Monarda* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

Claim 57 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

Claim 58 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Matricaria* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

Claim 59 (New): The method according to claim 48, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

Claim 60 (New): The method according to claim 48, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from *Monarda* spp., *Chamaemelum* spp. and/or *Matricaria* spp. and, optionally, *Chenopodium* spp. or epazote and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.